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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/603,004
				Filing Date	<del>08/04/2000</del> 06/24/03
				First Named Inventor	Seungug Koh et al
				Group Art Unit	2879
				Examiner Name	Pham Palmer
Sheet	1	of	4	Attorney Docket Number	N/A

[illegible][illegible]

Examiner Signature	Phan T. H. Palmer	Date Considered	03/19/05
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Filing Date	<del>08/04/2000</del> 06/24/03			
First Named Inventor	Seungug Koh et al			
Group Art Unl	2874			
Examiner Name	Phan Palmer			
Attorney Docket Number	N/A			
Sheet	2	of	4	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
PH	1	Martin Hoffman et al., "Optical Fiber Switches Based on Full Wafer Silicon Micromachining," Proceeding:MME 98-Micromechanics Europe, Trondheim, Norway, pp. 964-99, 1998	
PH	2	G. Marxer et al., "Reflective Modulators and By-Pass-Switches: two MEMS Components for Fiber Optic Communication," 1998 IEEE Summer Topical Meetings, Monterey, CA, pp. 27-28, 1998	
PH	3	Q. Lai et al., "Low-Power Compact 2X2 Thermo-optic Silica-on-Silicon Waveguide Switch with Fast Response," IEEE Photonics Technology Letters, Vol. 10, No. 5, pp. 681-683, May 1998	
PH	4	R. Moosburger et al., "4X4 Digital Optical Matrix Switch Using Polymeric Oversized Rib Waveguides," IEEE Photonics Technology Letters (PTL), Vol. 10, No. 5, pp. 684-686, May 1998	
PH	5	C.G.P. Herben et al., "A Compact Integrated InP-Based Single-Phasor Optical Crossconnect," IEEE PTL, Vol. 10, No. 5, pp. 678-680, May 1998	
PH	6	Takashi Goh et al., "High-Extinction Ratio and Low-Loss Silica-Based 8X8 Thermo-optic Matrix Switch," IEEE PTL, Vol. 10, No. 3, pp. 358-360, March 1998	
PH	7	Takashi Goh et al., "Low-Loss and High-Extinction Ratio Silica-Based Strictly Nonblocking 16X16 Thermo-optic Matrix Switch," IEEE PTL, Vol. 10, No. 6, pp. 810-812, June 1998	
PH	8	Jane M. Simmons et al., "Optical Crossconnects of Reduced Complexity for WDM Networks with Bidirectional Symmetry," IEEE PTL, Vol. 10, No. 6, pp. 819-821, June 1998	
PH	9	Chuan Pu et al., "Surface Micromachined Integrated Optic Polarization Beam Splitter," IEEE PTL, Vol. 10, No. 7, pp 988-990 July 1998	
PH	10	B. Barber et al., "A Fiber Connectorized MEMS Variable Optical Attenuator," IEEE PTL, Vol. 10, No. 9, pp. 1262-1264, September 1998	
PH	11	L.Y. Lin et al., "High-Density Micromachined Polygon Optical Crossconnects Exploiting Network Connection Symmetry," IEEE PTL, Vol. 10, No. 10, pp. 1425-1427, October 1998	

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		Filing Date	06/24/03
		First Named Inventor	Seungna Koh et al.
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		Examiner Name	Phan T.H. Palmer
Sheet 3 of 4	Attorney Docket Number	N/A	

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PH	12	Cronel Marxer et al., "A Variable Optical Attenuator Based on Silicon Micromechanics," IEEE PTL, Vol. 11, No. 2, pp. 233-235, February 1999	
PH	13	Neil A. Jackman et al., "Optical Cross Connects for Optical Networking," Bell Labs Technical Journal, pp. 262-281, January-March 1999	
PH	14	D. Bruce Buchholz et al., "Broadband Fiber Access: A Fiber-to-the-Customer Access Architecture," Bell Labs Technical Journal, pp. 282-299, January-March 1999	
PH	15	C. Randy Giles et al., "The Wavelength Add/Drop Multiplexer for Lightwave Communication Networks," Bell Labs Technical Journal, pp. 207-229, January-March 1999	
PH	16	Masayuki Okuno et al., "Silica-Based 8X8 Optical Matrix Switch Integrating New Switching Units with Large Fabrication Tolerance," IEEE/OSA JLT, Vol. 143, No. 5, pp. 771-779, May 1999	
PH	17	P. Li et al., "Silica-based optical integrated circuits," IEE Proceedings-Optoelectron, Vol. 143, No. 5, pp. 263-280, October 1996	
PH	18	M. Kawachi, "Recent progress in silica-based planar lightwave circuits on silicon," IEE Proceedings-Optoelectron, Vol. 143, No. 5, pp. 257-262, October 1996	
PH	19	C.A. Jones et al., "Hybrid integration onto silicon motherboards with planar silica waveguides," IEE Proceedings-Optoelectron, Vol. 143, NO. 5, October 1996	
PH	20	Cornel Marxer et al., "Vertical Mirrors Fabricated by Deep Reactive Ion Etching for fiber-Optic Switching Applications," IEEE/ASME Journal of MEMS, Vol. 6, No. 3, pp. 277-284, September 1997	
PH	21	Wen-Han Huan et al., "Released Si Microstructures Fabricated by Deep Etching and Shallow Diffusion," IEEE/ASME Journal of MEMS, Vol. 5, No. 1, pp. 18-23, March 1996	
PH	22	Wen-Han Juan et al., "High-Aspect-Ratio Si Vertical Micromirror Arrays for Optical Switching," IEEE/ASME journal of MEMS, Vol. 7, No. 2, pp. 207-213, June 1998	

Examiner Signature	Phan T. H. Palmer	Date Considered	03/12/05
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PH	23	Wen-Han Juan et al., "Controlling sidewall smoothness for micro-machined Si Mirrors and lenses," AVS Journal of Vacuum Science and Technology-B, Vol. 14, No. 6, pp. 4080-4084, Nov/Dec 1996	
PH	24	Yogesh B. Gianchandani, "A Bulk Silicon Dissolved Wafer Process for Microelectromechanical Devices," IEEE/ASME Journal of MEMS, Vol. 1, No. 2, pp. 77-85, June 1992	
PH	25	William C. Tang et al., "Electrostatic Comb Drive Levitation and Control Method," IEEE/ASME Journal of MEMS, Vol. 1, No. 4, pp. 170-178, December 1992	
PH	26	Kuniharu Kato et al., "Packaging of Large-Scale Planar Lightwave Circuits," IEEE Transaction on Components, Packaging, and Manufacturing Tech-Part B, Vol. 21, No. 2, pp 121-129, May 1998	
PH	27	Seungug Koh et al., "Optoelectronic multichip modules for high-speed computer systems and communication networks," SPIE Optical Engineering, Vol. 36, No. 5, pp. 1319-1325, May 1997	
PH	28	Seungug Koh et al., "Synchronous global clock distribution on Multichip modules using optical waveguides," SPIE Optical Engineering, Vol. 33, No. 5, pp. 1587-1595, May 1994	

Examiner Signature <u>Pham Palmer</u>	Date Considered <u>03/19/05</u>
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